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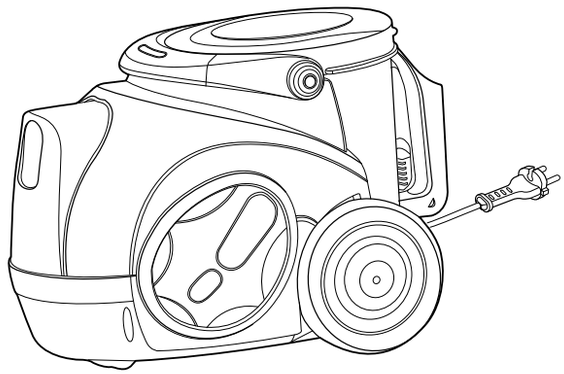
VACUUM CLEANER

SERVICE MANUAL

MODEL : V-CD281NT

CAUTION

BEFORE SERVICING THE UNIT, READ THE "SAFETY PRECAUTIONS" IN THIS MANUAL.



P/No. : MFL33988838

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SAFETY PRECAUTIONS

BEFORE OPERATING THIS VACUUM CLEANER, READ THIS SERVICE MANUAL THOROUGHLY, AND OBSERVE EACH POINT CAREFULLY.

1. Motor filter(Air Cleaner)

1) This filter is reusable.

2) Never use the vacuum cleaner without filter. It may damage the motor.

3) When the light of body is on, wash the motor filter with water and brush.

4) Even if the light is not on, wash the motor filter at least once 6 months.

NOTE : Reusing of the motor filter.

- Never wash the filter in a washing machine or in a dishwasher.
- Never use hot water for washing the filter.
- Reuse the filter after drying it completely in the shade for a day.
- Do not dry near fire or direct sunray.

2. Exhaust filter(Washable HEPA filter)

1) This filter is reusable HEPA filter.

2) For clean air, theis filter must be assembled.

3) Wash the exhaust filter with water once a year.

4) When the light of body is on, wash the exhaust filter with water.

NOTE : Reusing of the exhaust filter.

- Never wash the filter in a washing machine or in a dishwasher.
- Never use hot water for washing the filter.
- Reuse the filter after drying it completely in the shade for a half day.
- Do not dry near fire or direct sunray.
- Do not brush the filter. This will cause permanently damage allowing dust to by-pass the filter.

3. Avoid suction such materials as :

1) Liquid or wet dust :
Clogs the ventilation holes, reduces the suction power significantly and harms the motor.

2) Inflammable liquids such as benzene, alcohol or solvents.

3) Burning objects such as cigarette butts.

4) Bulky objects such as vinyl, paper etc.

5) Sharp objects such as needles, pins, metal, glass particles etc.

4. Attachments

- Nozzle : For cleaning wooden floor, the room floor and carpet.
- Crevice Tool : For cleaning any crevice, inside corners of window frames. (However, do not use the crevice tool more than 20 minutes.)
- Dusting Brush: For delicate vacuuming of fabrics on the furniture, curtains, etc.
- Upholstery Nozzle: For vacuuming the dust on the upholstery.

However, do not use the crevice tool more than 20 minutes because it may cause harm to the motor.

5. Close supervision is necessary when this vacuum cleaner is used by or near children. Children's carelessness may cause damage to the cleaner or injure persons.

6. Air exhausted from the vacuum cleaner is normally warm. But if extraordinarily hot air is exhausted, check if the telescopic tube, hose or clean filter is clogged or not.

7. Electric shock could occur if used outdoors or on wet surfaces.

CAUTIONS

BEFORE ATTEMPTING TO SERVICE OR ADJUST ANY PART OF THE VACUUM CLEANER, DISCONNECT THE ELECTRICAL POWER SUPPLY CORD FROM THE WALL OUTLET.

1. Motor exchange

1) Separate the Body Cover and Body Base by unfastening the screws.

2) After disconnecting the lead wires, replace the old motor with a new one.

2. In case of exchanging other parts. refer to the exploded view.

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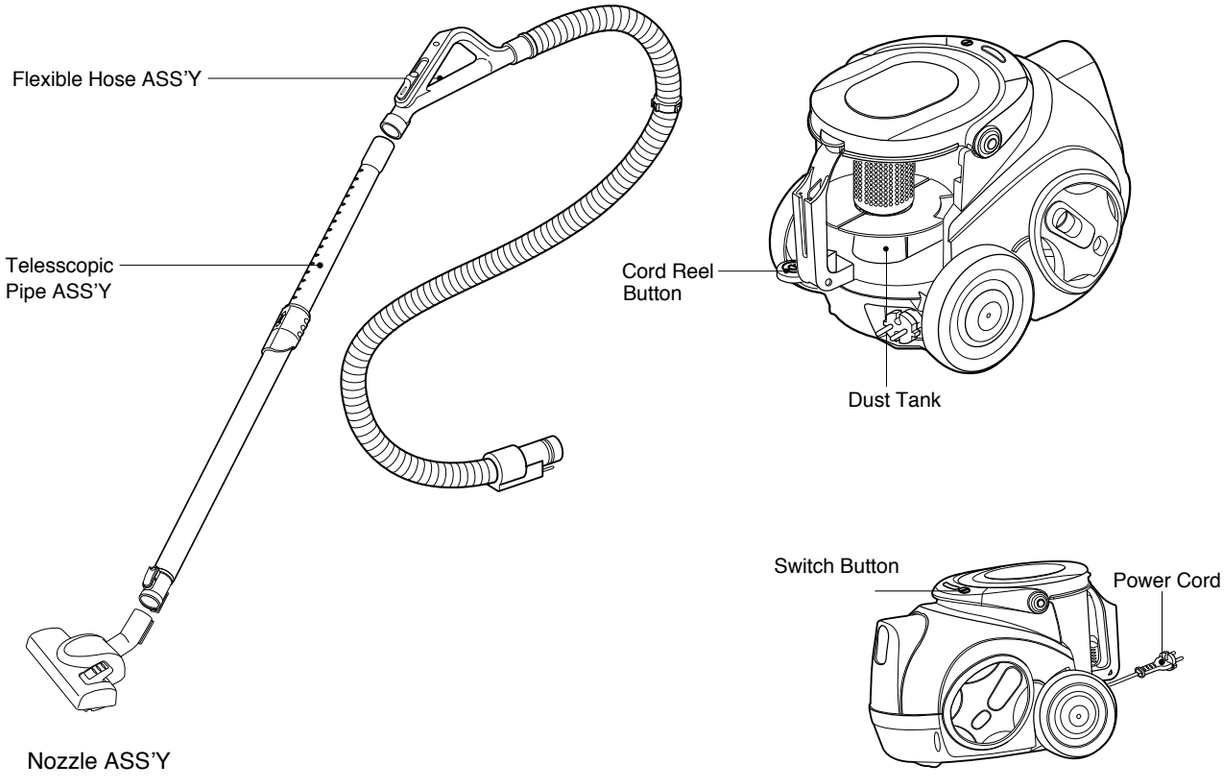
DESCRIPTION



CANISTER

ATTACHMENTS

DUSTING BRUSH | CREVICE TOOL | BRUSH ASY FILTER | UPHOLSTERY NOZZLE | ACCESSORY HOLDER

SPECIFICATIONS

- **MODEL :** REFER TO THE COVER PAGE
- **POWER SOURCE :** ON RATING PLATE
- **POWER CONSUMPTION :** ON RATING PLATE
- **POWER CONTROL :**

  PUSH ON/OFF(BODY)

  VACUUM POWER ADJUSTMENT BY SLIDE KNOB

- **CORD LENGTH :** 8m
- **HOSE LENGTH :** 1.5 m
- **NET WEIGHT :** 5.0 kg
- **PACKING WEIGHT :** 7.9 kg
- **NET DIMENSION :** 280 ×399 ×272 (W ×D ×H)mm
- **PACKING DIMENSION :** 330 x 525 x 335 (W x D x H)mm
- **ATTACHMENTS**

  HOSE..... 1EA
  TELESCOPIC PIPE ASSY 1EA
  NOZZLE ASSY 1EA
  DUSTING BRUSH 1EA
  CREVICE TOOL 1EA
  UPHOLSTERY NOZZLE 1EA
  ACCESSORY HOLDER 1EA
  BRUSH ASSY,FILTER.....1EA

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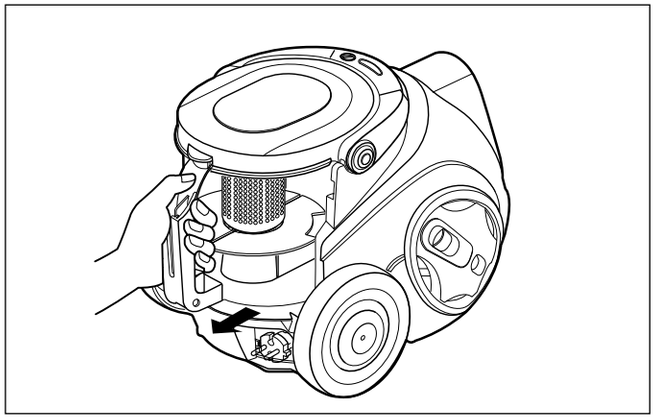
DISASSEMBLY

NOTE: Before attempting to service or adjust any part of the vacuum cleaner, disconnect the electrical power supply cord from the wall outlet.

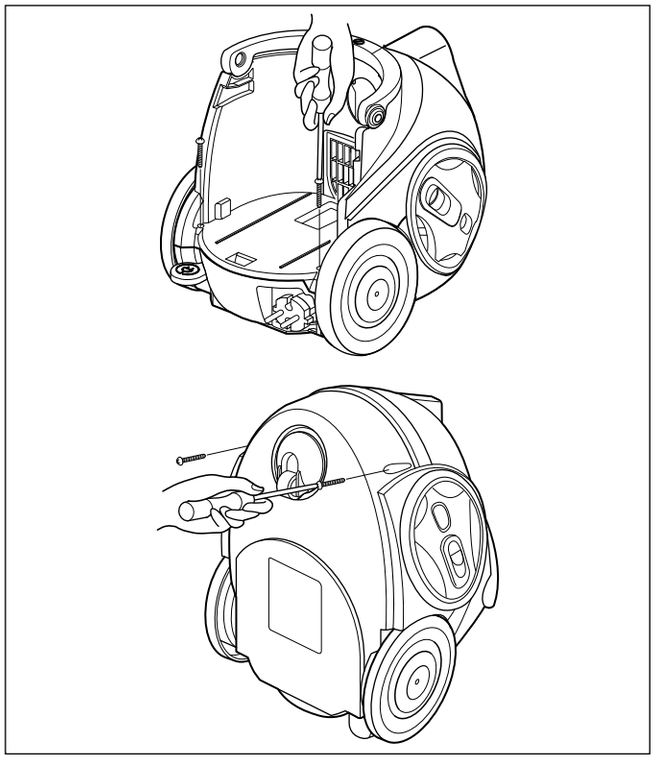
- Almost all of the parts of this vacuum cleaner can be disassembled with a screw driver and each connecting component easily fits each other.
  Disassemble one by one referring to the exploded view.
- If possible, don't disassemble except for the necessary parts. It is not necessary to disassemble the parts that are not detailed in the exploded view.

1. Body Cover Assembly Replacement

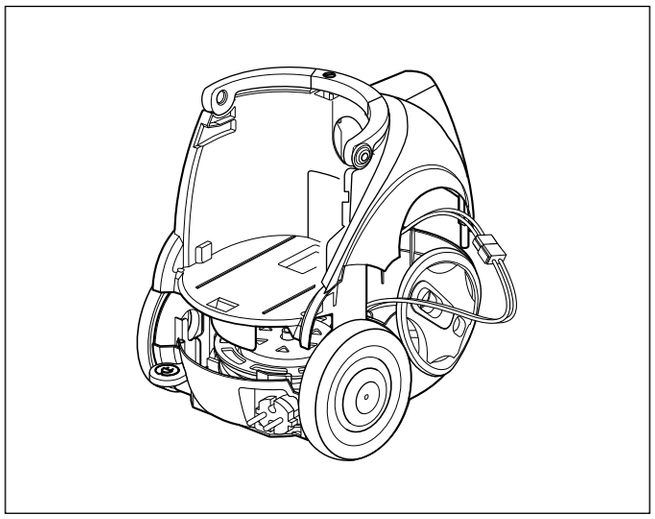
1) Remove the dust tank from the set.



2) Remove the four screws fastening the body base.

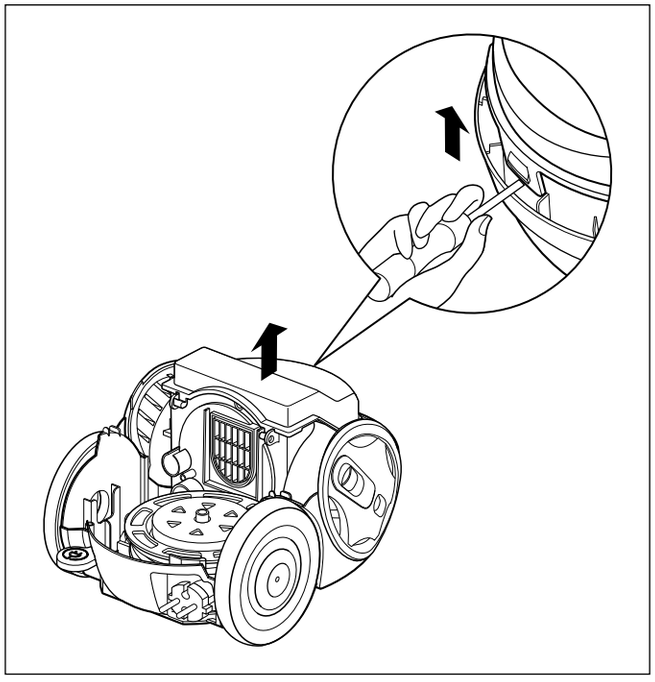


3) Disassemble the body cover, raising the body cover.



2. Motor Assembly Replacement

1) Detach exhaust cover in the direction of the arrow and unhook the motor covr with "⊖" driver.



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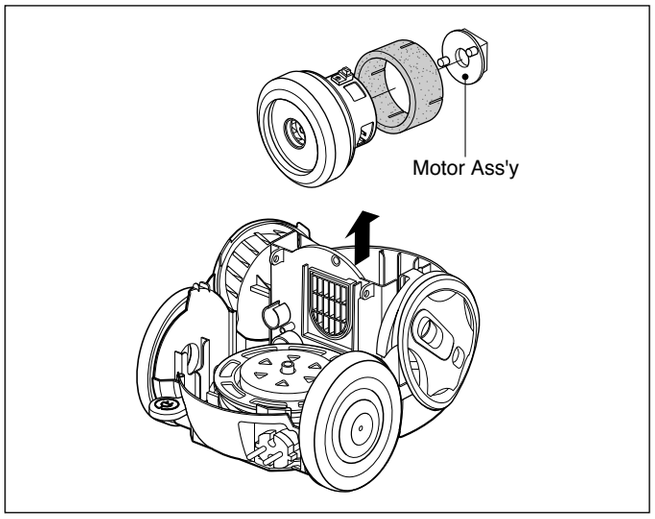
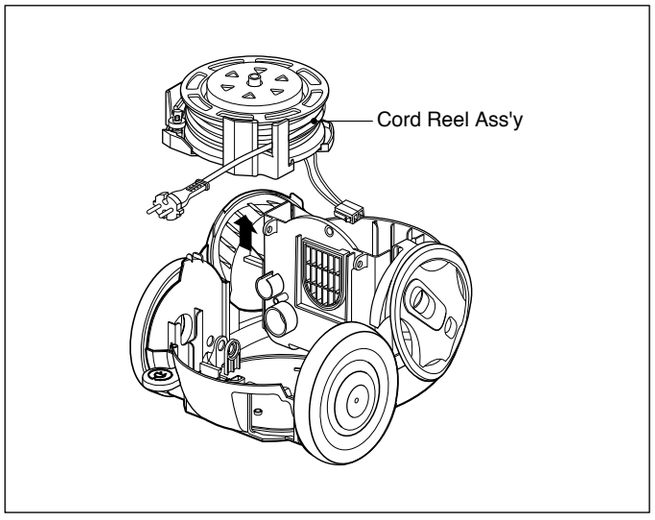
2) Pull out the motor and disconnect the lead wires from it.



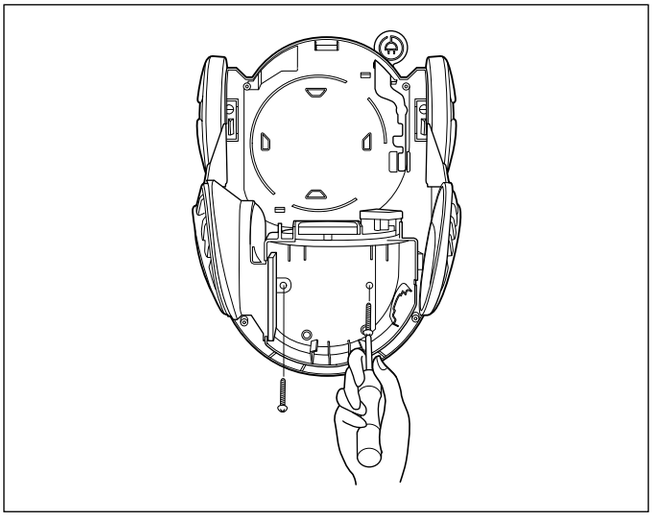
3. Cord Reel Assembly Replacement

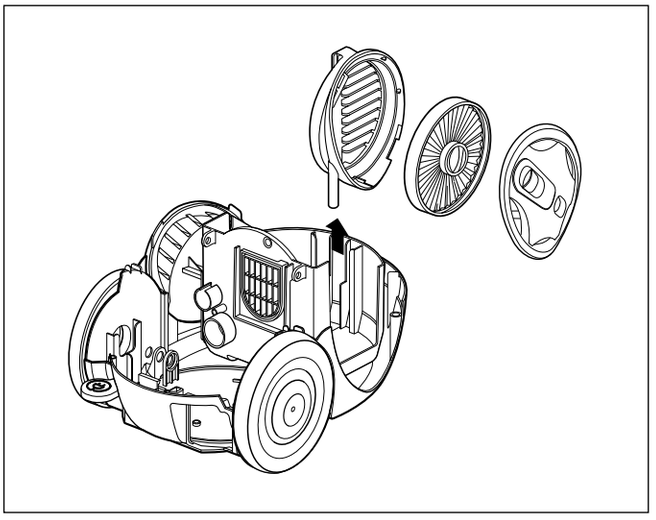
1) Lift the cord reel assembly from the body base.



4. Disassembly of Motor Housing

1) Remove the two screws fastening the motor housing.





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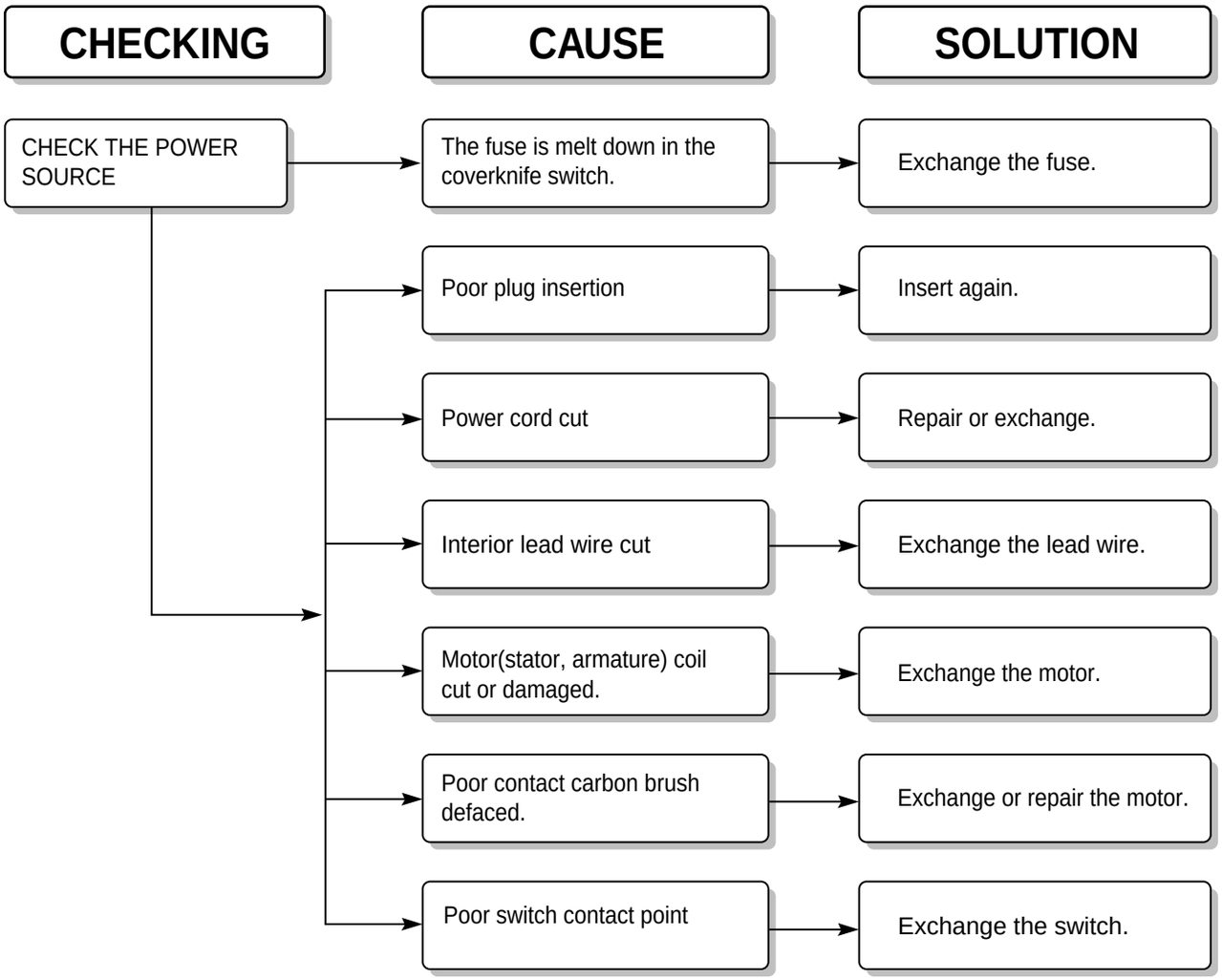
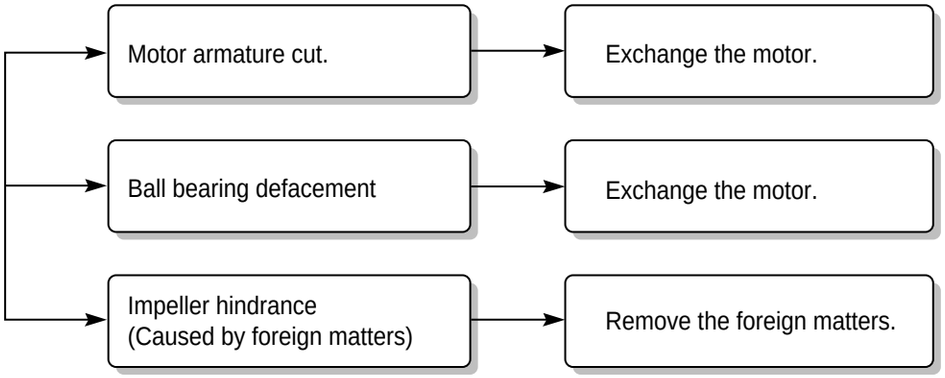
TROUBLE SHOOTING GUIDE

1. SWITCH ON BUT MOTOR DOSE NOT TURN.



2. SWITCH ON, MOTOR DOES NOT TURN BUT BUZZES.



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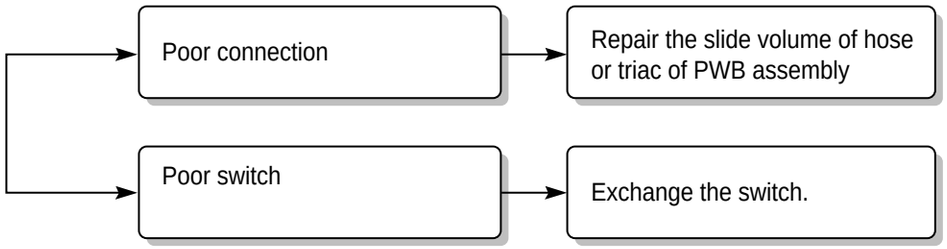
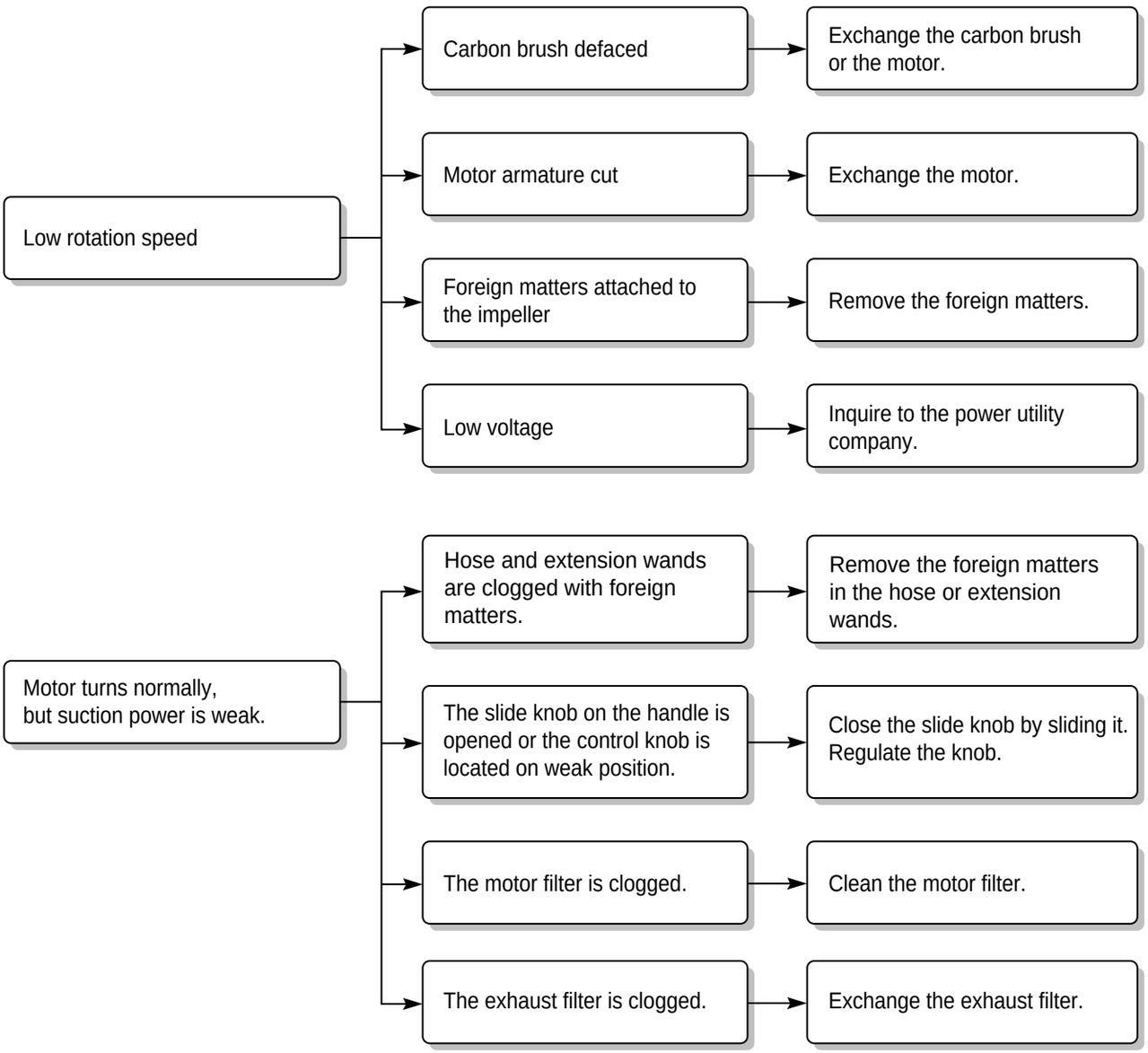
3. SWITCH OFF BUT MOTOR TURNS



4. WEAK SUCTION POWER


Low rotation speed
Carbon brush defaced
Exchange the carbon brush or the motor.
Motor armature cut
Exchange the motor.
Foreign matters attached to the impeller
Remove the foreign matters.
Low voltage
Inquire to the power utility company.
Motor turns normally, but suction power is weak.
Hose and extension wands are clogged with foreign matters.
Remove the foreign matters in the hose or extension wands.
The slide knob on the handle is opened or the control knob is located on weak position.
Close the slide knob by sliding it. Regulate the knob.
The motor filter is clogged.
Clean the motor filter.
The exhaust filter is clogged.
Exchange the exhaust filter.

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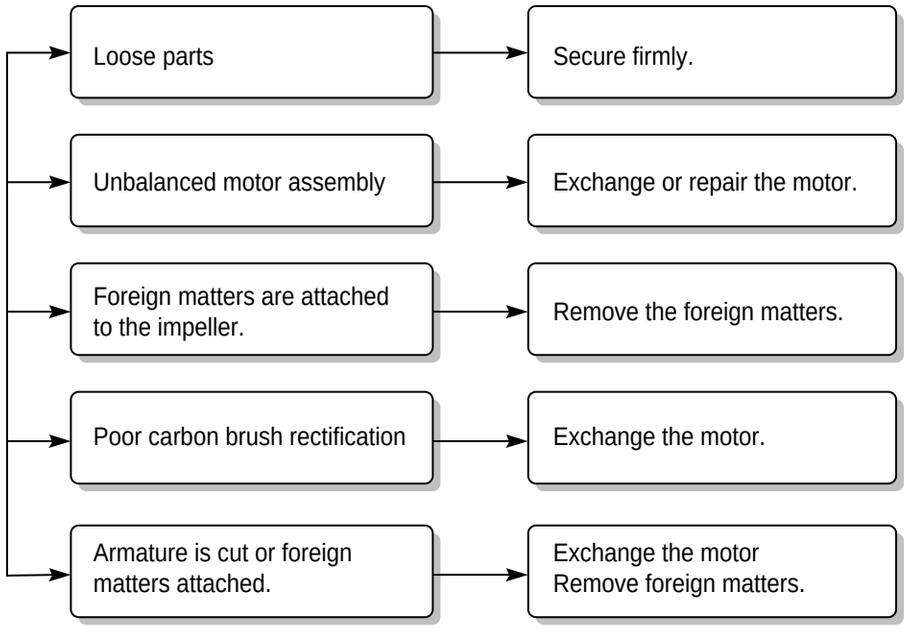
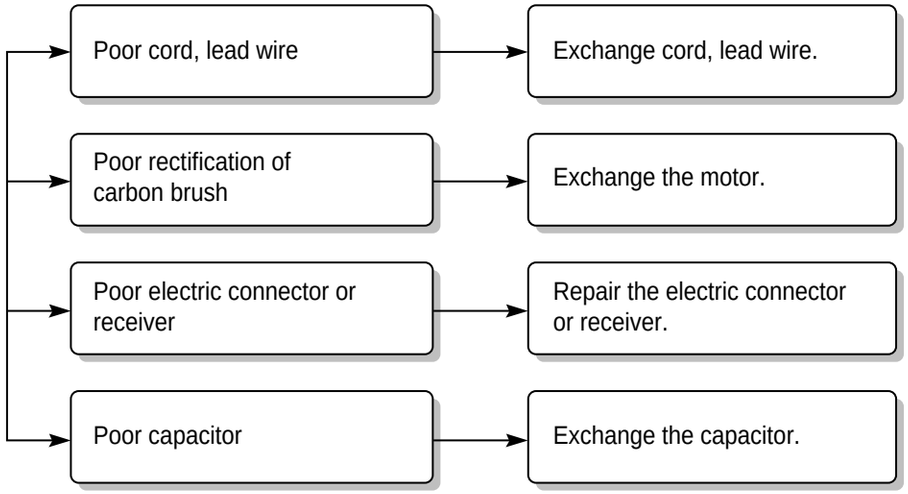
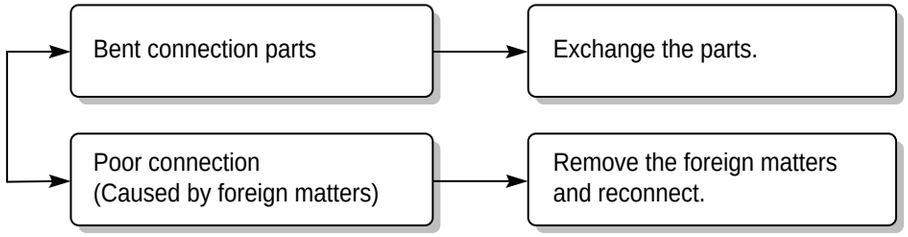
5. VIBRATION NOISES



6. RADIO, TV RECEPTION DISTURBANCE


Poor cord, lead wire
Exchange cord, lead wire.
Poor rectification of carbon brush
Exchange the motor.
Poor electric connector or receiver
Repair the electric connector or receiver.
Poor capacitor
Exchange the capacitor.

7. IMPROPER TUBE OF NOZZLE CONNECTION


Bent connection parts
Exchange the parts.
Poor connection (Caused by foreign matters)
Remove the foreign matters and reconnect.

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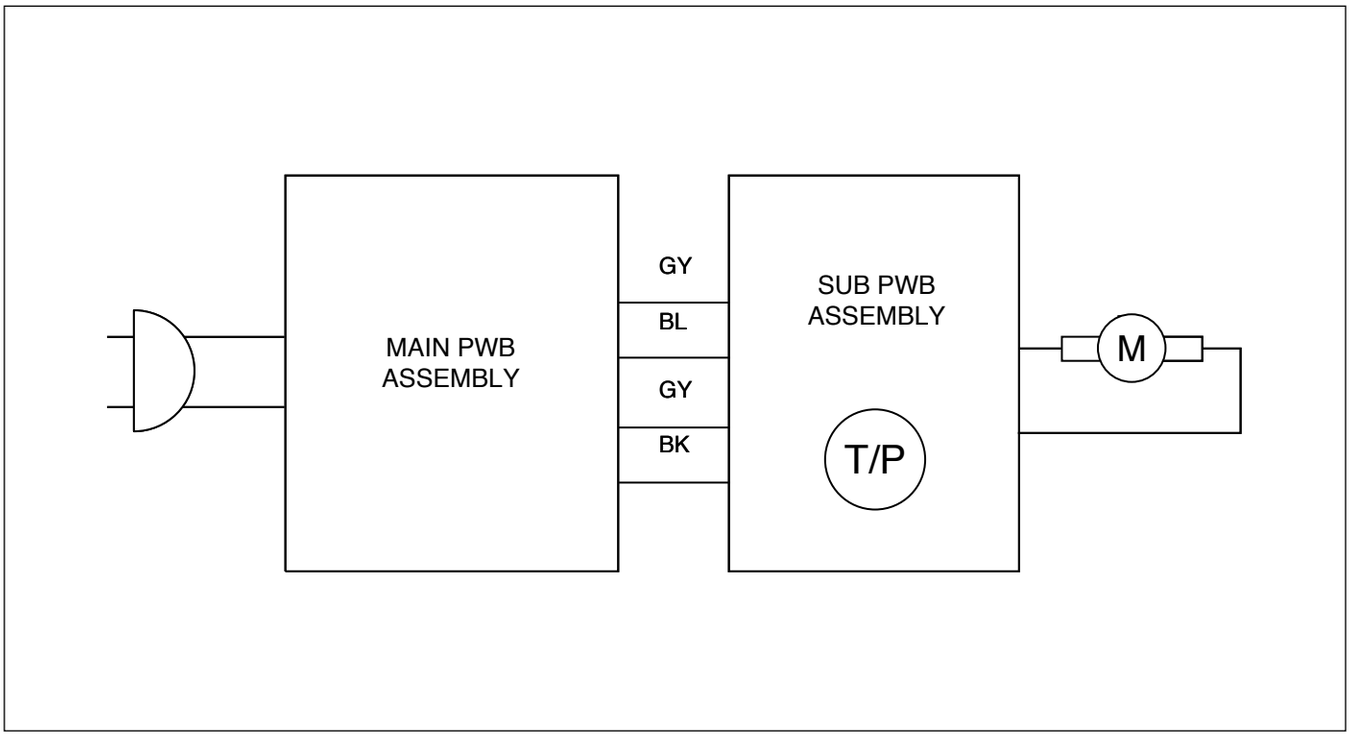
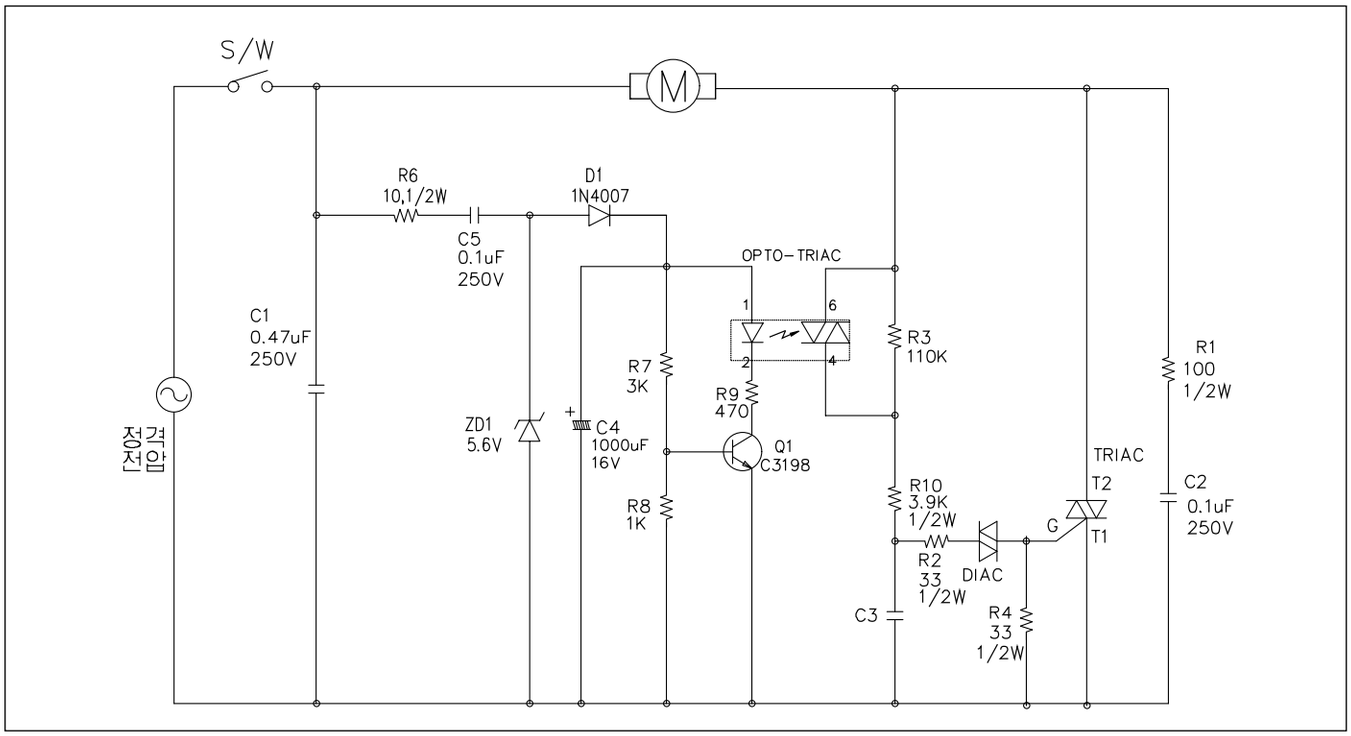
SCHEMATIC DIAGRAM



CIRCUIT DIAGRAM



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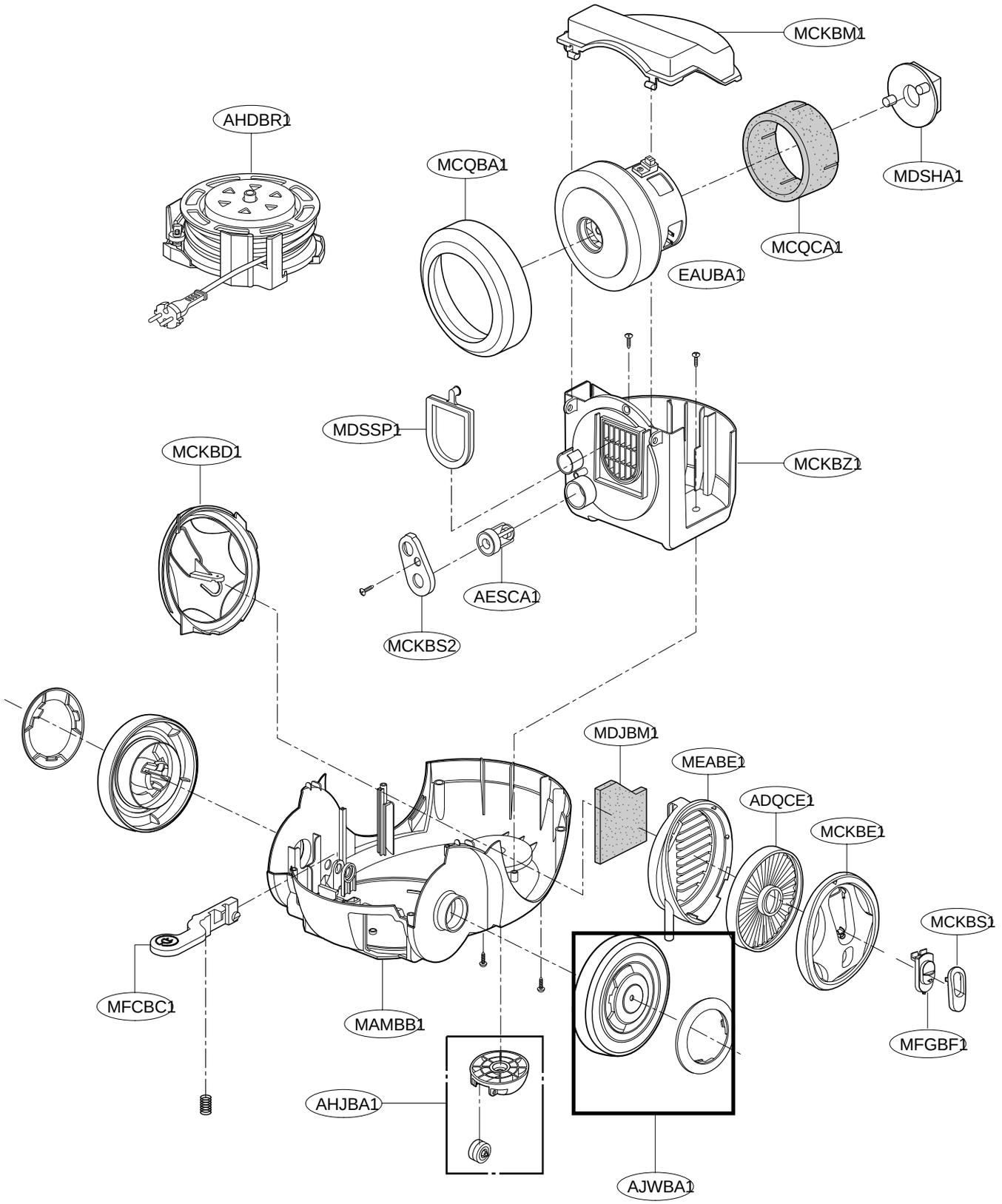
EXPLODED VIEW

BASE ASSEMBLY, BODY



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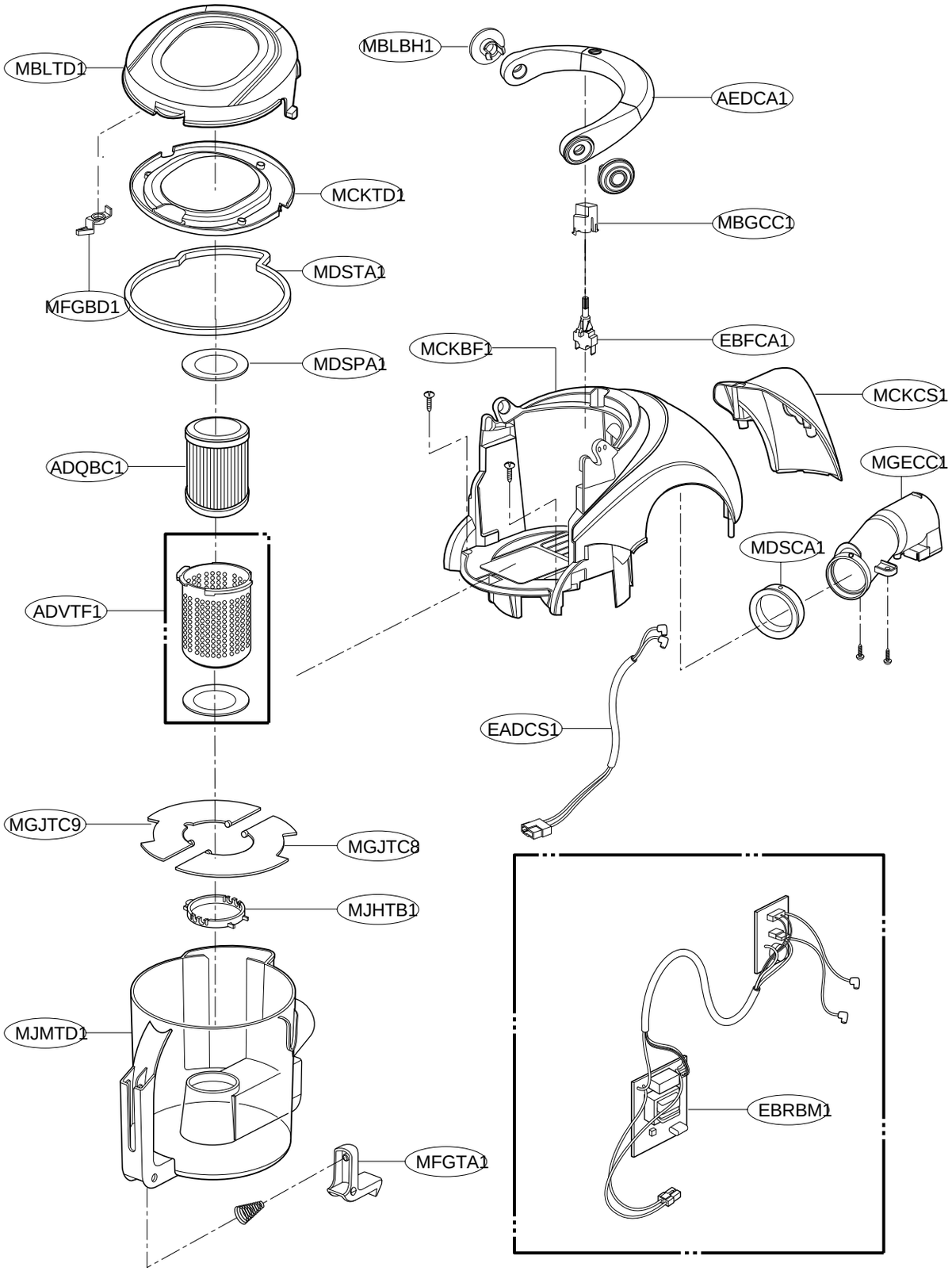
EXPLODED VIEW

COVER ASSEMBLY, BODY&TANK ASSEMBLY



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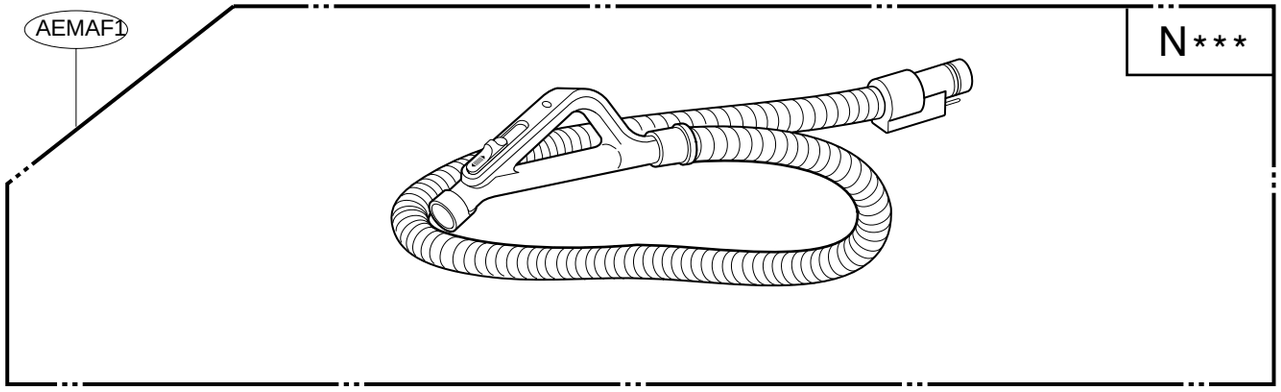
EXPLODED VIEW

ACCESSORIES



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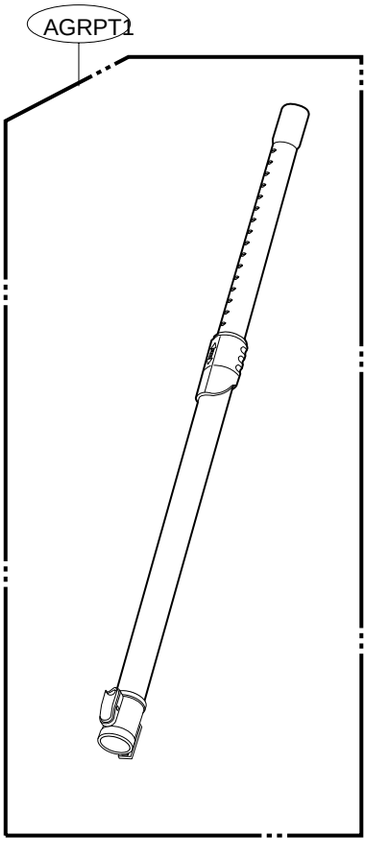

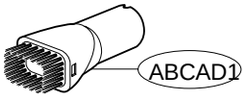

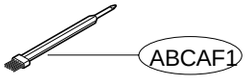

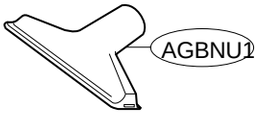

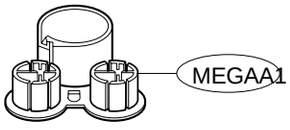

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